

Title (en)
Aerosol dip tube

Title (de)
Aerosoltauchrohr

Title (fr)
Tube plongeur d'aerosol

Publication
EP 0687639 A1 19951220 (EN)

Application
EP 95106422 A 19950428

Priority
JP 13070494 A 19940613

Abstract (en)
A dip tube (8) whose tip portion (7) can reach every nook at the bottom of an aerosol container (2), so that an entire aerosol content (9) can be sprayed securely with no aerosol content (9) being left unused, leading to economical use of an aerosol product, and a weight (6) fixed around the dip tube does not hit the inner surface of the aerosol container (2), whereby causing neither damage nor corrosion on the inner circumference of the aerosol container (2). In an aerosol dip tube (8) being hung down in an aerosol container (2), with a substrative end portion thereof connected to a valve mechanism to induce an aerosol content (9) from a free end portion thereof to the valve mechanism, the dip tube (8) is comprised of a tube main body (5) made of a soft and elastic material, and a tubular weight (6) fixed to the outer peripheral surface of the tube main body (5), with a protruding tip portion (7) of said tube main body (5) protruding from the end of said tubular weight (6) by 5 to 15 mm. <IMAGE>

IPC 1-7
B65D 83/32

IPC 8 full level
B65D 83/16 (2006.01); **B05B 9/04** (2006.01); **B65D 83/14** (2006.01); **B65D 83/28** (2006.01); **B65D 83/42** (2006.01); **B65D 83/58** (2006.01)

CPC (source: EP US)
B65D 83/32 (2013.01 - EP US)

Citation (search report)
• [A] US 3667655 A 19720606 - KNIERIEM HERMAN JR
• [A] GB 2234555 A 19910206 - CMB FOODCAN PLC [GB]
• [A] EP 0338844 A1 19891025 - TOMEI SANGYO KK [JP], et al

Cited by
USD833885S; US7637397B2; US6935542B2; WO2008027298A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0687639 A1 19951220; EP 0687639 B1 19970402; DE 69500208 D1 19970507; DE 69500208 T2 19971009; JP 3575829 B2 20041013; JP H07330049 A 19951219; US 5636770 A 19970610

DOCDB simple family (application)
EP 95106422 A 19950428; DE 69500208 T 19950428; JP 13070494 A 19940613; US 42904495 A 19950426